650-P *Self-Powered Reinforcement Subwoofer*

FEATURES

- Integrated control electronics and amplifiers
- TruPower™ Limiting (TPL)
- Intelligent AC™ System
- Compatible with the Remote Monitoring System™ (RMS)
- High power
- Extremely low distortion
- Reliable and durable

The 650-P is a self-powered, tuned, bass-reflex subwoofer that uses two 18" drivers, capable of long excursion with minimal distortion. The unit extends the lower range of Meyer Sound reinforcement systems by providing a frequency response of 28 to 120 Hz. Being self-powered, the amplifiers and control electronics are fully contained within the speaker enclosure.

The 650-P incorporates the Intelligent AC system, which performs automatic voltage selection, EMI filtering, soft current turn-on, and surge suppression. All that is required to install the unit is an audio input signal and an AC power connection.

The unit uses Tru Power Limiting(TPL) to provide driver protection under extreme operating conditions. This prevents overheating, and ensures graceful handling of high power applications.

The amplifier is designed to give reliable, consistent, and outstanding performance. If servicing is required, it is facilitated by the modular design of the unit; the entire power/amplifier module can be accessed and replaced, if necessary.

Superior engineering for the art and science of sound.

Meyer Sound

650-P SPECIFICATIONS

Acoustical[1] (each loudspeaker)	Frequency Response[1]	±4 dB from 28 Hz to 100 Hz
	Phase Response[1]	±30° from 45 Hz to 145 Hz
	Maximum SPL[1]	136 dB @1 meter
	Dynamic Range	>110 dB
Coverage	(-6 dB points)	360°H ; 180°V
Transducers	Low Frequency	18" diameter MS-18 cone (2)
Audio Input	Type	10kΩ impedance, electronically balanced
	Connector	XLR (A-3) male and female
	Nominal input level	+4 dBu
Amplifiers	Type	Complementary power MOSFET output stages (audio class AB/H)
	Burst capability[2]	1240 watts (620 watts/channel)
	THD, IM, TIM	< .02 %
AC Power	Connector	250V NEMA L6-20P (twistlock) inlet or IEC 309 male inlet[3]
	Automatic voltage selection	95-125 VAC and 208-235 VAC; 50/60 Hz[4]
	Operational voltage range	Turn on: 85 VAC; Turn off: 134 VAC; 50/60 Hz
		Turn on: 165 VAC; Turn off: 264 VAC; 50/60 Hz
	Max.Continuous RMS Current (>10 sec)	@115 V: 8A @230V: 4A @100V: 10A
	Burst RMS Current (<1 sec)	@115 V: 15A @230V: 8A @100V: 18A
	Max Peak Current During Burst	@115 V: 22Apk @230V: 11Apk @100V: 25Apk
	Soft-Current Turn-on	Inrush current <12A@115V
Physical	Dimensions	30" W x 45" H x 22 1/2" D
	Weight	221 lbs (100 kg) / shipping: 250 lbs (113 kg)
	Enclosure	Multi-ply hardwood
	Finish	Black textured
	Protective Grill	Perforated metal grill, charcoal-grey foam

Notes

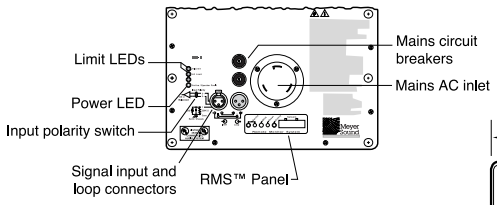
1. Subject to half space loading, measured with one-third octave frequency resolution in fixed ISO bands.
2. Nominal 8Ω resistive load, pink noise, 100V peak.
3. Other connectors available. For European installations, an IEC 309 connector (16A) can be installed.
4. The unit is rated at 88-125V and 182-235V, 50/60 Hz, to satisfy EC standards for -10% to 6% AC line voltage.

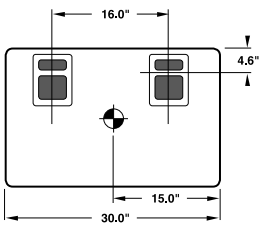
Meyer Sound Laboratories has devoted itself to designing, manufacturing, and refining components that deliver superb sonic reproduction. Every part of every component is designed and built to exacting specifications and undergoes rigorous, comprehensive testing in the laboratories.

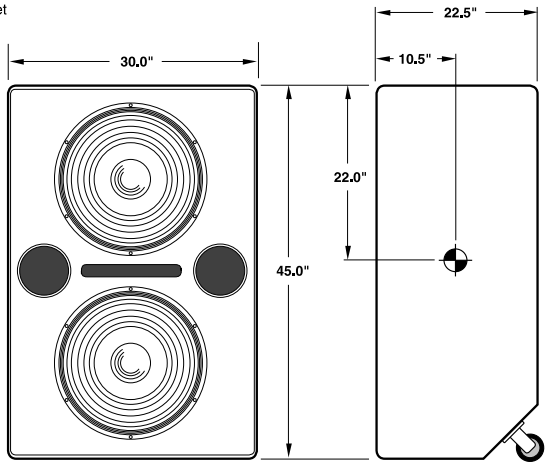
Research remains an integral, driving force behind all production. Meyer strives for sound quality that is predictable and neutral over an extended lifetime and across an extended range.

PHYSICAL DIMENSIONS

ALL UNITS IN INCHES







LISTED 3K59 COMMERCIAL AUDIO SYSTEM

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